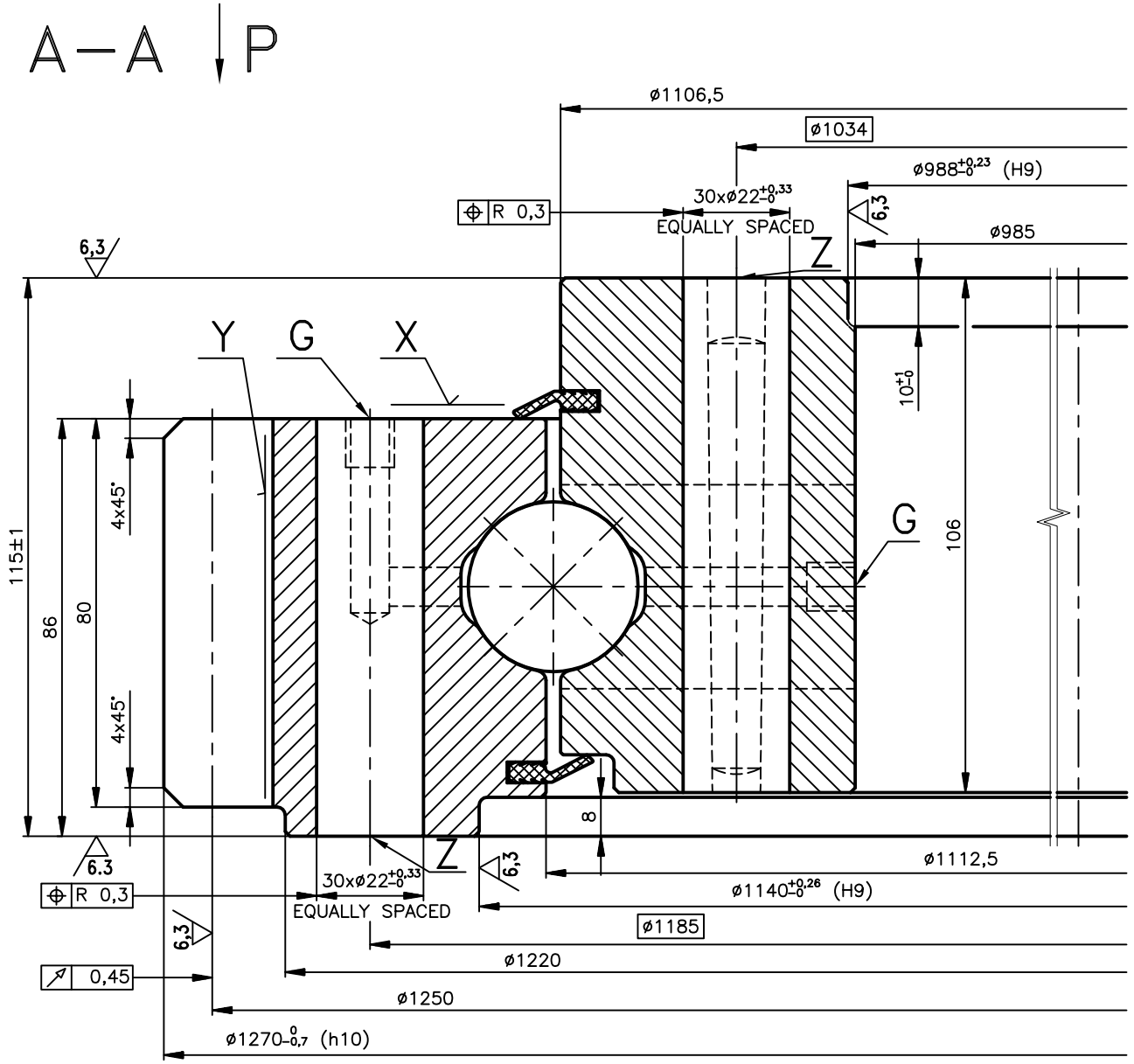

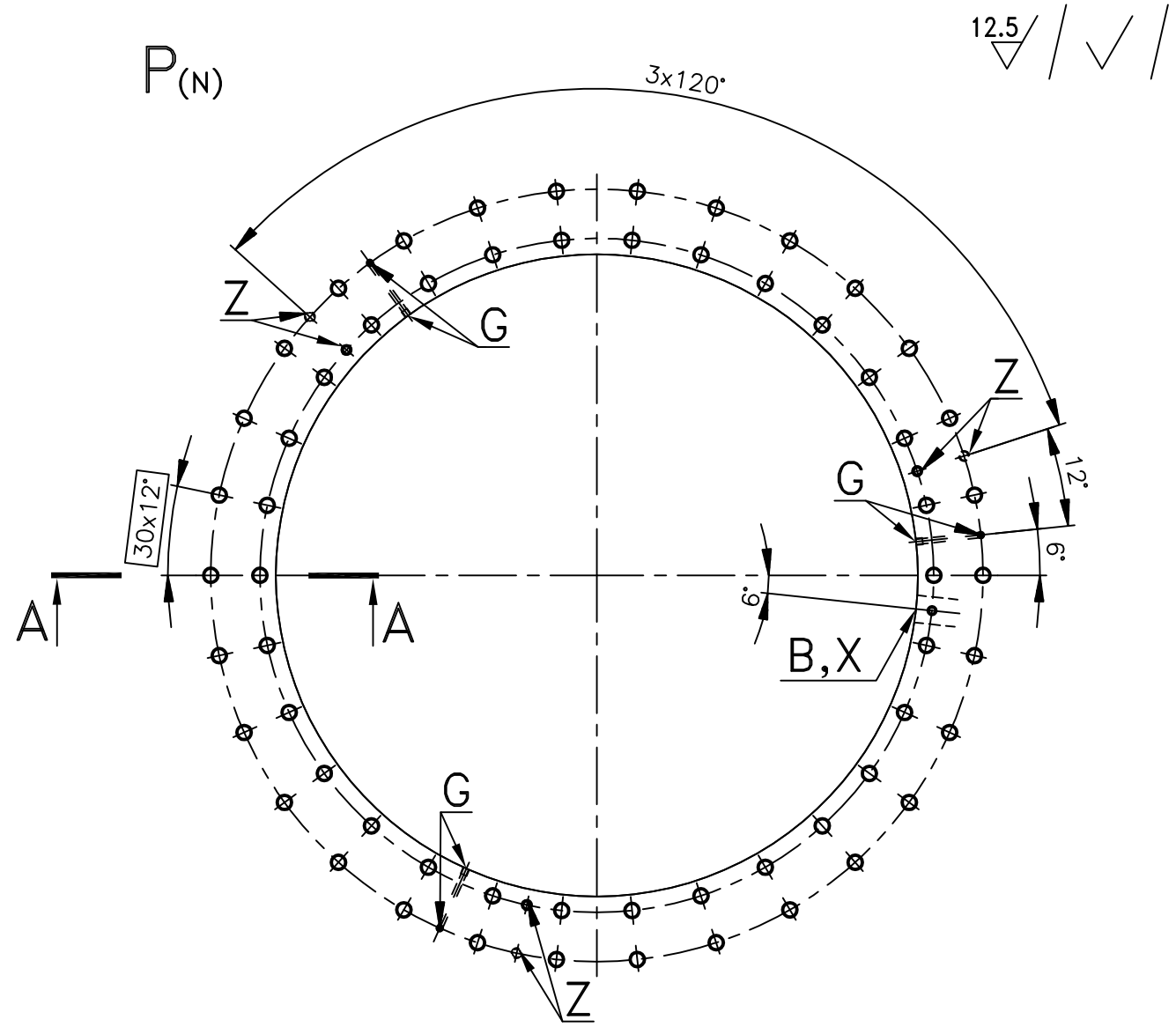

POZNAMKY:
- B – PLNIACA ZÁTKA (MÄKKÁ ZÓNA)
- G – 3+3 MAZACÍCH OTVOROV M10x1 ROVNOMERNE
- Z – 3+3 OTVORY PRE ZÁVESNÉ SKRUTKY M16, HLBKA ZÁVITU min. 21mm – ROVNOMERNE
- LOŽISKO BUDE NAPLNENÉ PLASTICKÝM MAZIVOM NA BÁZE LÍTIA KONZISTENČNÉHO STUPNA 2 S "EP" PRÍSADAMI
- MATERIÁL: VNÚTORNÝ KRÚŽOK OCEL 42 CrMo4
  VONKAJŠÍ KRÚŽOK OCEL 42 CrMo4
- OBEŽNÉ DRÁHY SÚ INDUKČNE POVRCHOVO KALENÉ (ZUBY NIE SU KALENE)
- X–MÄKKÁ ZÓNA (PRECHODOVÉ PÁSMO KALENIA) JE OZNACENÉ RAZENÍM ZNAKU "X" A ČERVENOU FARBOU
- Y–MIESTO MAXIMÁLNEJ OVALITY ROZSTUPOVEJ KRUŽNICE OZUBENIA JE OZNACENÉ V 2 ZUBOVYCH MEDZERACH ZELENOU FARBOU A RAZENIM ZNAKU "O" NA 3 ZUBOCH
- AXIÁLNA VOLA V LOŽISKU 0,05–0,20 mm
- NEKOTOVANE HRANY ZRAZIT 1x45°

NOTES:
- B – PLUG (SOFT ZONE)
- G – 3+3 GREASE HOLES M10x1 – EQUALLY SPACED
- Z – 3+3 LIFTING HOLES M16, DEPTH min. 21mm – EQUALLY SPACED
- THE BEARING WILL BE FILLED WITH THE SOLID LUBRICANT ON THE LITHIUM BASE WITH THE CONSISTENCE DEGREE 2 WITH "EP" ADDITIVES
- MATERIAL SPECIFICATION: INNER RING: STEEL 42 CrMo4
  OUTER RING: STEEL 42 CrMo4
- RACEWAYS ARE INDUCTION HARDENED (TEETH ARE NOT HARDENED)
- X–THE SOFT ZONE (HARDNESS GAP) IS STAMPED BY THE SIGN "X" AND MARKED WITH RED PAINT
- Y–THE POINT AT WHICH THE LARGEST OVALITY OCCURS ON THE PITCH CIRCLE DIA. OF THE GEAR IS MARKED GREEN PAINT IN 2 TEETH GROOVE AND STAMP "O" ON TOP 3 TEETH
- THE AXIAL CLEARANCE IN THE BEARING 0,05–0,20 mm
- CHAMFER ALL UNDIMENSIONED EDGES 1x45°

ADDENDUM MODIFICATION xm=0

MEASSUREMENT BETWEEN 14 TEETH $416{,}03^{-0{,}40}_{-0{,}75}$

UDAJE O OZUBENI	ø rozstup. kružnice	1250	Vyska hlavy	10	Tvrdost HB	279–321 HB
	Modul	10	Vyska paty	12,5	Uhol zaberu	20°
	Pocet zubov	125	Material	42 CrMo4	Tvar boku zuba	Involute full depth
	Hrubka zuba	15,267/15,894	Velkost bocnej vole			0,400/0,750

GEAR DATA	Pitch dia.	1250	Addendum	10	Hardness B.H.N.	279–321 HB
	Diametral Pitch	10	Dedendum	12,5	Press Angle	20°
	No. Teeth	125	Material	42 CrMo4	Tooth Form	Involute full depth
	Tooth Thickness	15,267/15,894	Allowance For Backlash On The Gear			0,400/0,750

ACCURACY CLASS	LIMIT DEVIATIONS FOR BASIC RANGE OF DIMENSIONS [mm]						
from – to	0,5 6	6 30	30 120	120 400	400 1000	1000 2000	2000 4000
m – medium	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	± 2

Zmeny Changes	Index	Predtým Before	Teraz Now	Dát–Podp Date–Name	Zmeny Changes	Index	Predtým Before	Teraz Now	Dát–Podp Date–Name

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Mierka: / **Scale:** N	**Kreslil:** / **Drawn by:** MELICHER 16.11.2011	**Schválil:** / **Approved by:** PEKÁR 16.11.2011	**Hmotnosť:** / **Mass:** ~330 kg
PSL a.s., POVAŽSKÁ BYSTRICA SLOVAKIA	**Názov – označenie:** / **Title – designation:** JEDNORADOVÉ GUĽKOVÉ LOŽISKO SO ŠTVORBODOVÝM STYKOM SINGLE ROW BALL FOUR–POINT CONTACT BEARING 9E–1B35–1110–1550	**Číslo výkresu:** / **Drawing No:** 9–1550–PV (1.4.P.Z.T.32.11093.1.03A)	**Ind. zm.:**